

A Method of Costing Coke Production from the
Material Balance in Terms of Ash-free Mass, by
I. F. Lozanov, 5 pp.

RUSSIAN, per, Koks i Khim, No 5, 1961.

CTRA

Sci

Nov 61

177,897

Docent Sergey Petrovich Yakhontov, by
N. N. Lozanov, F. V. Kastorskiy, 2 pp.

RUSSIAN, per, Kazanskiy Medit Zhur, No 2,
1964, p 101.

CIA/FDD X-5473

USSR

Biog

Nov 64

FOR OFFICIAL USE ONLY

How to Ensure the Stability of Tower Cranes, by
V. R. Lozanskiy, 8 pp.

RUSSIAN, no per, Mekh Stroi, Vol IX, No 8, 1952,
pp 27-29.

Sci Museum Lib No 53/2403

USSR

Scientific - Engineering

Mar 54 CTS

9894

(SF-1082)

Disinfection and Insect and Rat Extermination, by
D. Lozarov, 2 pp.

BULGARIAN, np, Narodna Armiya, No 3663, Sofia,
3 Jul 1960, p 2.

JPRS 4110

EEur - Bulgaria

Mil

Nov 60

R-1829

(DC-1690)

It Is Practical to Have Only One Kind of Over-
haul for Electric Locomotives at Terminals,
by Ya. A. Loza, N. I. Myl'nikov, K. A. Tarkhanov,
4 pp.

RUSSIAN, no per, Elektricheskaya i Teplovoznaya
Tizhn, No 12, Moscow, Dec 1957, pp 15, 16.

US JPRS/DC-L-855

USSR

Econ - Railroad Transport

74,793

Application of Liquid Scintillators for
Absolute Measurements of Thermal Neutron Density
by the Activation Method, by Edward T. Loz-
nowicz, 87

POLISH, per, Instytut Badan Jadrowych, No
440/IX, 1963, pp 1-102.
AEC-tr-6545

Edward T. Lozefowicz

Sci-Phys

See

42
The Utilisation of Yeast Concentrates to
Promote the Growth of Baker's Yeast, by
M. T. Lozenko.

RUSSIAN, per, Kulobogolovaya i Konditer-
skaya Promyshlennost' USSR, No 6, pp 21-22.

ACBI J-1139

ID A20405666

M. T. Lozenko

Sci-B&M

Jun 57

317,72

Yeast Concentrates for Intensification
of Growth Process of Baker's Yeast, by
M. T. Lozenko.

38
RUSSIAN, per, Biokhimiya i Konditsiya
Przemishlennost 1966, No 6, pp 21-22.

WCHT J-1239
ID 2204056666

M. T. Lozenko

Sri-BAM
Dec 66

31A,436

To the Problem at the Consumption of Heat at
the Distillation of Petroleum, by P. M. Lozgachev

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956,
pp 65-68.

Tech and Comm Tr

\$35.00

Sci - Fuels

Nov 56 CTS

40,579

The Theory of Molecular Flow at Low Pressures. I.
The Flow of Rarefield Gases Through Tubes With
Diaphragm Ends, by V. I. Lozganov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiziki, Vol XXXII, No 8,
1962, pp 1023-1031.

AIP
Sov Phys - Tech Phys
Vol VII, No 8

Sci
Jun 63

233,811

Distribution of Molecular Flow on a Surface
During Evaporation in Vacuum, by V. I.
Lozgachev, 9 pp.

RUSSIAN, per, Zhur Tekh Fiziki, Vol XXXII, No 8,
1962, pp 1012-1022.

AIP
Sov Phys - Tech Phys
Vol VII, No 8

Sci
Jun 63

233,810

The Theory of Molecular Flow. II. Passage Through
Ducts of Arbitrary Form, by V. I. Losgachev, 7 pp.

RUSSIAN, per, Zhur Tekh Fis, Vol XXXII, No 9, 1962,
pp 1123-1133.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VII, No 9

Sci

Apr 63

232,791

Isotope-Exchange Method for Measuring Vapour
Pressures and Diffusion Coefficients. III. Treat-
ment of Experimental Data, by V. I. Lozgachev,
6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 10,
1961, pp 2199-2209.

Cleaver-Hume Press

Sci
Sep 62

210,529

Isotope-Exchange Method for Measuring Saturated--
Vapour Pressures and Diffusion Coefficients.
II. The Solution of Equations for Diffusion With
Exchange, by V. I. Lozachev, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 2,
1960, pp 306-318.

Cleaver-Hume Press

Sci

Dec 60

134,766

The Determination of Solid Angles, by V. I.
Lozgahev, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 9, 1960,
pp 1109-1114.

AIP
Sov Phys Tech Phys
Vol V, No 9

Sci

Apr 61

144, 395

S-156/60

(NY-3696)

The Isotope Exchange Method for Measuring Saturated
Vapor Pressure and Diffusion Coefficients, by V. I.
Lozgachev, 19 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 12,
1959, pp 2755-2766.

JPRS 2736

118,851

Sci - Chem/Phys

Jun 60

Forensic Slip in the Pulling of Strip from
Metal Containers, by V. P. Kozlovskaya, D. S.
Kozlovskaya.

92
Moscow, for, Volinsky Akad. Nauk. USSR,
Vol 7, No 4, 1968, pp 244-246.
6161 4912

E. B. LOZHECHNIKOV

Sci-Materials
Sci 68

110,000

Pressure of Metal on Balls in the Rolling of Strip from
Metal Powders, by V.P. Gerasimov, E.B. Lobachevskiy.
RUSSIAN, per. Izvest. VUZ-Chern. Eng. No 11, 1964.
pp 134-135.
177,113

E.B. Lobachevskiy

Sci/Mech
Apr 65

177,113

Rolling Sap Strip Directly From Powder
by V.P. Severdenko, Ye B. Lozhechnikov, 5 pp.
RUSSIAN, per, Tsvetnyye Metally, No 11, 1964, pp 88-90.
JPRS 28790

P 93

USSR
Sci-M/M
Mar 65

275,723

Synthesis and Study of Transformations of
Acetylenic -Glycols VII. Synthesis of
3-(1-Hydroxycyclopentyl-1) Butyn-1-01-3
and Study of Its Transformations Under the Influence
of Concentrated Sulfuric Acid,
by T. A. Favorskaya, A. S. Lozhenitsyna, 7 pp.

RUSSIAN, per, Zhur Obahch Khim, Vol XXXIII,
No 9, 1963, pp 2916-2923.

CB

Sci

Sci 222

Optical Observations of Artificial Earth Satellites,
by Dr. Z. Gindin, G. A. Leykin, A. M. Loshinskiy,
A. G. Masovich, 41 pp. DECLASSIFIED

RUSSIAN, pamphlet, Predvaritel'nyye Itogi Nauchnykh
Issledovaniy i Pionersk'ye Pervyykh Sovet Iskusst
Sputnikov Zemli i Rakety, Sbornik Statey, No 1,
Part I, 1958, pp 5-39.

US JPRS/AR-723

(CSO: NY-1877) 75,734

Sci. & Space Res
31 Oct 58

Neutral Hydrogen in the Region of the
Galactic Spur, by T. Lozinskaya
RUSSIAN, per, Astronomicheskii Tsirkulyar,
No. 299, 1964, pp 1-4
CSIRO/ No. 7449

T. LOZINSKAYA

Sci -
Aug 67

336-125

Experimental Investigation of Angular 2x0
Distribution in Transfer Reactions With He
and A⁴⁰ Ions, by E. Lozhinskiy.
RUSSIAN, rpt, Joint Institute of Nuclear
Research, P-1486 1963.
CFSTI UCRL-Trans-1080

Apr 67

322,989

Influence of Added Graphite on the Specific
Electrical Resistance of Carbon Electrodes, by
L. N. Loshkin, V. P. Sharvashov, Gpp
RUSSIAN, per, ~~Politehnicheskii Institut Leningrad~~
Trudy, Vol 223, 1963, pp 49-54
RLE

TC-379

L. N. Loshkin

Sci - Eng
June 67

329,516

Influence of the Composition of Carbon Anodes
on Their Specific Electrical Resistance, by L. N.
Lozhkin, V. P. Smirnov, and
N. N. Kuznetsov, *Trudy*, Vol. 223, 1961, pp. 43-48
IC-378

L. N. Lozhkin

Sai - Eng
June 67

29,525

New Palynologic Data on the Development of Vegetation in Northeastern USSR During the Quaternary, by A. V. Lozhkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science Sections, Vol CLII, Sep, Oct 1963, pp

Amer Geol Inst

Sci

Jun 65

(DC-2700/5).

S-6 Combine Becomes Self-Propelled, by D. A.
Lozhkin, 5 pp.

RUSSIAN, per, Sel'skoye Khozyaystvo Severnogo
Kavkaza, No 1, 1959, PP 20-23.

JPRS-960-D

USSR
Econ - Agriculture
Oct 59

98,778

Influence of Current Density, Electrode Spacing
and Temperature on Current Yield in the Electrolysis
of Zinc Chloride, by G. A. Abramov, L. N. Lozhkin,
17 pp.

RUSSIAN, per, Trudy Leningradskogo Industrial'nogo
Instituta, No 4, 15 May 1940, pp 36-46.

CIA/FDD/X-1249

Scientific - Chemistry
CTS/DEX

10,118

A Study of the Hydrogen Exchange Reaction With the
Aid of Liquid Hydrogen Fluoride, by Ya. M.
Varshayskiy, M. G. Lozhkin, A. I. Shatenshtein,
16 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957, pp
1377-1386.

AEC Tr 3213

Sci - Chem

May 58

64, 817

The Characteristics of the Conditioned Reflex to Aromatic
Stimuli in Cattle, by N. I. Lozhkin, 11 pp.

RUSSIAN, bk, Vsesoyuznyi Institut Eksperimental'noi
Veterinari, 1957.

OTS 60-51055
FL-480

Sci - Med

194, 203

May 62

PST 331

The Possible Observation of He^8 Nuclei, by O. V.
Lozhkin, A. A. Rimakiy-Korsakov, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,
No 5, 1961, pp 1519-1520.

Internatl Physical Index
Physics Express
Vol IV, No 2

Sci - Phys

Feb 62

184,428

nuclear reactions induced by high energy particles, by A.A. Porillov, O.V. Loshkin, et al.
Moscow, RS, Iskrye Karkisa Pod Baistevie
Chastits Vysokish Energi, 1961, (Nov).

201827107-V

AM 001-11-340 Nov.

O. V. Loshkin

rel/nuclear del
PM 67

512,522

Short Range Products From Nuclear Reintegrations
Induced by Protons With Energies Between 2 and 9
GEV, by P. A. Gorichev, O. V. Loshkin, et al, 6 pp.
RUSSIAN, per, Zhur Eksp. i Teoret Fiz, Vol XLV,
No 6, 1963, pp 1784-1792.
Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 5

Sci
Aug 64

263,826

Discrimination of Heavy Ions in Nuclear Emulsions,
by P. A. Gorichev, O. V. Loshkin, 16 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine, Vol IX,
No 2, 1964, pp 83-90.

CIA/FDD EX-1585
NO FOREIGN DISSEM

Sci

Oct 64

USIB Internal Use Only

REF: 268,052

**Some Features of Multiple Fragment Production by
9-Hex Proteins, by P. A. Gorichev, G. V. Loshkin,
5 pp.**

**RUSSIAN, per, Khimicheskiy i Vsesoyuznyi, Vol XII,
No 2, 1961, pp 387-393.**

**AIP
Sov Phys-JHEP
Vol XIV, No 2**

**Sci
11 Jan 62**

196,903

Identification of Multicharge Particles in Nuclear
Emulsions in the Case of Short Ranges, by
P. A. Gorichev, O. V. Loghkin, 5 pp.

RUSSIAN, per, Priboiy i Tekh Ekspert, No 1, 1963,
pp 30-35.

ISA

Sci
Nov 63

243, 184

Disintegration of Emulsion Nuclei by 930-Mev Protons,
by O. V. Lozhkin, N. A. Perfilov, A. A. Rimskiy-Korsakov,
J. Fremlin, 9 pp.

RUSSIAN, per, Zhur Eksp. i Teoret Fiz, Vol XXXVIII,
No 5, 1960, pp 1388-1398.

AIP
Sov Phys-JETP
Vol XI, No 5

135,469

Sci
Dec 60

Systems with Concentrated Hydrogen Peroxide.
Communication 22. 20 and 0° Isotherms of the Ternary
System $\text{Co}(\text{OH})_2\text{-H}_2\text{O}_2\text{-H}_2\text{O}$. L. V. Ladeinova, L. G.
Lozhkina, A. M. Chernyshova, 5 pp.
RUSSIAN, per, Iz Ak Nauk, SSSR, Otdel Khim Nauk,
No 1, 1961, pp 12-16.

CB

198,111

Sci
Apr 62

On the Stability of the Wind Direction in the Surface
Layer of the Atmosphere, by V.B. Gracheva, V.P.
Loshkina.

RUSSIAN, per ~~Gracheva, V.B.~~ No. 158, 1964,
pp 41-45

ELL/9022.55 1965 (84)

V P L O S H K I N A

Sci -
Aug 67

338-478

Gibberellin-Like Substances and Vernilization of
Plants, by M. Kh. Chailakhyan, V. N. Lozhnikova,
8 pp.

RUSSIAN, per, Fiziologiya Rastenii, Vol IX, No 1,
1962, 21-31 pp.

AIBS

Sci
Oct 62

242,014

Photoperiodic Effect and the Dynamics of Gibberellin-like
Substances in Plants, by V.N. Lozhnikova, N.H. Chailahan.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 157, No 2,
1964, pp 5-482
N2DIA

U. N. LOZHNIKOVA

Sci -
Aug 67

335,061

(DC-6928)

REACTION OF PARAMECIA TO CERTAIN ORGANIC
COMPOUNDS SUBJECTED TO THE EFFECT OF ULTRA-
SOUND AND ULTRAVIOLET LIGHT, BY L. K.
LOZINA-LOZINSKIY, M. A. KHENOKH, 6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL LXXVI,
NO 2, 1951, PP 317-320.

JPRS 14675

SCI - PHYS

AUG 62

205,842

(SP-1992)

The Stability of Paramecia, Adapted to Life in
Warm Radio-active Springs, to Various External
Factors, by G. K. Lovina-Jaginskij, 16 pp.

RUSSIAN, per. Zhivotlogiya, Vol. III, No 2,
1954, pp 154-167.

JPRS 11405

Sci. Biol.

Sci. 62

178,459

Influence of Carbon Dioxide on Respiration and
Growth of Young Acipenseridae, by A. B. Lozinov.

RUSSIAN, per, Zool Zhur, Vol XXXII, No 1,
1953, pp 105-111.

CEIRO

Sci - Biol
Aug 62

211, 367

The Physiological Role of Cytochrome in Nitrite
Bacteria, By A. B. Lozinov, V. A. Krmachenko, 6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXXI, No 6, 1962,
pp 972-979.

CB

243, 241

Sci -
Nov 63

69
Experiment of Photographing Flare-Up of a
Flash Bulb on the Background of Stars, by
A. M. Lozinskiy, V. I. Belenko, 5 pp.
RUSSIAN, rpt, AN SSSR, Astronomicheskii
Sovet, Bulletin' Stantsii Opticheskogo
Kabinydeniya Ikhustroennkh Sputnikov Zemli,
1964.
AIR/FTD/HT-24-179-67

A. M. Lozinskiy

Sci-Meth & Equip
Jan 69

370.910

NCH-200 593

Field 11F, 13H

Leczinski, M. G.

INFLUENCE OF THE SPECIAL STRUCTURAL CONDITION
PRODUCED DURING HIGH-TEMPERATURE THERMO-
MECHANICAL TREATMENT BY ROLLING ON THE HEAT-
RESISTANCE OF NICKEL. Oct 64, 38p (foreign text in-
cluded) 28refs. NLL-M.5614.
Order from NLL as M.5614

Trans. of Akademiya Nauk SSSR. Institut Metallurgii,
Moscow. Trudy, p108-27 1963.

I. International Nickel Co.
(Mond) Ltd.,
London (England)

Use of Microstructure Analysis for Studying the Deformation Process of Palladium During Heating and Expansion in a Vacuum, by M. G. Loginskiy, N. Z. Partsovskiy, 19 pp.

RUSSIAN, per, Metallovedeniye i Termicheskaya Obrabotka, No III, 1964, pp 91-103.

JPRS 27511

Sci - M&M
Jan 65

272,016

Effect of high temperature thermomechanical treatment
on the fine crystal structure of austenitic steels
and alloys

By M. G. Lozinskiy, Ye. N. Sokolov, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 1,
1962.

PP

Sci

Aug 63

342,483

The Investigation of the Polygonization of
Molybdenum by High-Temperature Metallographic Methods,
by M.G. Lozinskiy, M.L. Bernshteyn et al, 6 pp.

RUSSIAN, per, Metal I Term Obra Metallov, No 1-2,
1962, pp 57-?

Acta Metallurgica

Sci

May 64

258,524

Effect of Cyclic Temperature Changes During
Tensile Stress on the Microhardness Over
the Cross-Section of Mechanically Pure Iron,
by M. G. Lozinskiy, V. Ya. Pavlovskiy,
RUSSEK, per. Akademiya Nauk SSSR. Izvestiya
Metallurgiya i Ochnye Mater., 1965, No 2, pp 97-
104.
SIC

M. G. Lozinskiy

Sci - Meta
June 67

327,532

IMASH-II Equipment for Investigating the
Mechanical Properties of Sheet Materials Under
Unilateral Heating, by M. G. Lozinskiy &
G. E. Vishnevskii.

RUSSIAN, per. ~~'Fizicheskaya i prikladnaya~~
~~Mezhen, No 32-63-61/1, 1963.~~
HLI Ref: 5828.47 (12542)

M. G. Lozinskiy

Sci/Mech, Indus, Civ & Mar Engr
Feb 68

349,583

Some Peculiarities of the Mechanism of Plastic
Deformation of Austenitic Steel and Alloys
during their High Temperature Thermomechanical
Treatment, by E.N. Sokolov, N.G. Lozinskiy,
9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk;
Metall i Toplivo, No 3, 1962, pp 71-77.

SIC

Sci

233,053

Dec 62

Basic Forms of Deformational Microrelief Appearing at Elevated Temperatures in Polycrystalline Metals With Face-Centered Cubic Lattice Structure, by M. G. Lozinskiy.

RUSSIAN, per, Izv. Akad. Nauk SSSR, Otd. Tekh.

Nauk, Met. Toplivo, No 1, 1962, pp 105-126.

*AEC 2436

M. G. Lozinskiy

Sci/Materials

Oct 66

95
IMASH-II Equipment for the Investigation of
Mechanical Properties of Sheets Under Uni-
lateral Heating, by M. G. Lozinskiy.

RUSSIAN, mono, Peredovoi Nauchno-Tekhnicheskii
i Proizvodotvennyi Opyt, No 32-63-61/1, 1963.

*REC 2442

M. G. Lozinskiy

Sci/Materials
Oct 66

Combination of High Temperature Plastic Deformation with Quenching, by M. G. Lozinskiy.
RUSSIAN, rpt. New Processes of Pressure Treatment of Metals, Moscow, 1962, pp 88-95.
*ARC 18/C/2438

95

M. G. Lozinskiy

Sci/Materials
Oct 66

Observation of the Mechanism of Failure in Short-Time
Tests of Austenitic Steels at 1100°C, by I.A. Odintsov,
M.G. Lozinskiy et al, 7 pp.

RUSSIAN, per, Metal i Term Obrab Metallov, No 9-10,
1961, pp 10-12.

Acta Metallurgica

Sci

May 64

258,537

(NY-3000)

CONFERENCE ON HIGH-FREQUENCY TEMPERING OF STEEL
OF LOW-TEMPERING CAPACITY, BY M. G. LOZINSKIY,
5 PP.

RUSSIAN, PER, METALLOVED I TERM OBRABOTKA
METALLOV, NO 12, 1961, PP 46, 47.

JPRS 14410

USSR
ECON
SCI - MIN/MET
JUL 62

202,488

91
The Study of the Method of Elastic Vibrations in the Kinetic Changes in the Properties of Melts on Heating, by

M. G. Lozinskiy, et al.

RUSSIAN, per, Izvest. Akad. Nauk SSSR

O.T.N., no. 6, 1958, pp. 19-29.

*CPSTI TT 70-57076

Sci/phys
Feb 70

M. G. Lozinskiy

86
Combination of High-Temperature Plastic
Deformation and Quench Hardening, by M. G.
Lozinskiy

RUSSIAN, rpt, 'Novyye Protsessy Obrab. Metallov.
Davlen.' Moscow, 1962, pp 85-93.

MLL Ref: 9091.9F (AERE Trans 1071)

M. G. LOZINSKIY

Sci-Materials

Aug 68

362,277

Studies of the 1.5-Diaryl-3-halo-formazan Series. II.
The Synthesis of Arylazochloroacetic Acids, by M. O.
Lozinsky, P. S. Pel'kis, 8 pp.

RUSSIA", per, Zhur Obshch Khim, Vol XXXI, No 5
1961, pp 1612--~~1621~~

1621-1623 CB

191,972

Sci
Mar 62

Lozinskiy, S. M.
ERROR ESTIMATES FOR THE NUMERICAL INTE-
GRATION OF ORDINARY DIFFERENTIAL EQUA-
TIONS, I (Otsenka Pogresbnosti Chislennogo
Integrirovaniya Obyknovennykh Differentsialnykh
Uravnenii, I). Sep 62 [75]p. 21 refs.
Order from OTS or SLA \$7.60 62-20210

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Matematika (USSR) 1958, no. 5, p. 52-90.

DESCRIPTORS: *Differential equations, Equations,
*Integration, Errors, Numerical analysis.

Contents:

Summary of notations and preliminary lemmas for an
error estimate of numerical integration
Error estimate for extrapolation methods of numerical
integration.
(Mathematics, TT, v. 9, no. 11)

62-20210

I. Lozinskiy, S. M.

Office of Technical Services

Thickness Measuring Device Using Radioactive
Isotopes for Controlling the Thickness of Film and
Sheet Materials in Their Manufacture, by
Yu. Ya. Loznovski, 22 p.

73
RUSSIAN, bk, Radioaktivnyi Tolshchinomer Dlia
Avtomaticeskogo Kontrolia Tolshchiny Plenochnykh
i Listovykh Materialov v Protsesse Ikh Ozgotovleniia,
1964, 22 pp.

*CFSTI 65-50134

USSR
Sci/Chem
May 65

Effect of Water Salinity on the Development of the
Glomerular Apparatus ~~in~~ in the Kidneys of Marine
Teleostei, by V. I. Lozovik, 8 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Section,
Vol CLIII, No 1, 1963, pp 225-228.

CB

May 65

280,276

On the Relative Velocities of Hydrogenation and
Decomposition of Hydrocarbons Under Conditions of
Destructive Hydrogenation in the Presence of a
Sulfide Catalyst, by A. V. Lozovoy, S. A. Senyavin,
15 pp.

RUSSIAN, bk, Khimicheskaya Pererabotka Topliva.
Trudy II Vsesoyuznogo Soveshaniya po Iskusstvennomu
Zhidkomu Topliva i Tekhnologicheskim Gazam, 1957,
pp 180-194.

OTS 60-51176
PL-480

151/119

Sci - Fuels

MAY 61
RBT 104

(NY-3000)

The Development of Agricultural Technology and
Techniques, by V. I. Lozovoy, 10 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii, No 1,
1961, pp 51-57.

JPRS 10026

USSR

Econ

Sep 61

166,794

(DC-2700/31)

Advanced Technology for Agriculture, by V. I.
Lozovoy, 6 pp.

RUSSIAN, per, Traktory i Sel'khoz mashiny, V
Vol XXX, No 8, 1960, pp 1, 2.

JPRS 6322

USSR
Econ
Dec 60

134,346

Instrument for Visual Observation of Ferrite-
Instrument Frequency Characteristics, by N. I.
Babkin, V. Ya. Lozovoyi, 3 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 1,
1960, pp 171, 172.

PP

sci
Aug 61

167, 123

Identification of Particles in Nuclear Emulsions
by Means of the Scale Method, by A. A. Simakiy-Kurashov,
O. V. Loshkin, 4 pp.

RUSSIAN, per, Pribery i Takh Eksper, No 5, 1960,
pp 20-22.

IEA

Sci
22 Jun 62

800,091

On the Cross Section for Production of Multiply
Charged Particles in the Interaction Between Protons
and Nuclei, by O. V. Lozhkin, 3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 2 (8), 1957, pp 354-357.

Amer Inst of Phys
Sov Phys-JETP
Vol VI (33), No 2

Sci - Phys

May 58

64,233

Asymmetry of the Ranges of Fragments in the
Fission of Heavy Nuclei by Very Fast Particles,
by V. P. Shenev, O. V. Leshkin, 9 pp.

RUSSIAN, hinc per, Zhur Eksper 1 Teoret Fis,
Vol XXIX, No 3 (9), 1955, pp 286-291, ~~English~~

Sci nuc sub 56/15 32
A.E.R.E. with Harwell Tr 653

Sci - Nuclear Physics
Sep 56 GTS

39, 301

Nuclear Fission Reactions Due to Negative Pions and
Fast Protons, by M.A. Perfilov, M. S. Ivanova,
O. V. Loxhkin, V. I. Ostroumov, V. P. Shamov,
10 1/2 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955,
Session of the Div of Chemical Sciences, p79

35, 3/8

GPO

Sci - Nuclear Physics
#87 rpts for \$350.00

~~Held for non-repud~~
XXX

Nuclear Fission Reactions With Pions and Fast
Protons, by N. A. Perfilov, N. S. Ivanova, O. M.
Lozhkin, V. I. Ostroumov, V. P. Shamov, 17 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955,
Session of the Div of Chemical Science, pp 79-96.

CIA/FDD/X-1976

AEC 2336 32,333

Scientific - Chemistry

The Probability of Uranium Nuclear Fission by
Its Absorption of Slow π^- Mesons, by O. V.
Lozhkin, V. P. Shamov, 2 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, June 1955, pp 739-740. CIA C 40837

AERE Haywell 636
American Inst of Physics
57 East 55 St.

New York 22, N.Y. 10022
Sci Mus Lib 5670 865

Scientific - Physics

31,399

Ternary Fission of Uranium by Fast Particles, by
N. A. Perfilov, V. P. Shamov, O. V. Lozhkin, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 1, 1957, pp 75-77.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58, 152

Heavy Nuclear Fragments From Disintegration
Produced by Fast Protons in Nuclear Emulsions,
O. V. Loghkin, N. A. Perfilov, 9 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXXI, No 6, Dec 1956, No 6, 913-938.

Amer Inst of Phys
Sov Phys, JETP
Vol IV, No 6

Sci - Physics
Aug 57

51,819

Asymmetry of Ranges of Fragments in the Fission
of Heavy Nuclei by Very Fast Particles, by
V. P. Shamov, O. V. Lozhkin, 2 pp.

RUSSIAN, thrice-per, Dok Ak Nauk SSSR, Vol
CIII, No 2, 1955, pp 233.

Sci mag Lib 56/0873
E A.E.R.E. Harwell Tr 660

Sci = Physics, bismuth, tungsten, uranium,
nuclear fission 36,385

Jul 1956

Asymmetry of Fragment Ranges in the Fission of
Heavy Nuclei by Ultrafast Particles, by V. P.
Shanov, O. V. Lozhkin, 5 pp.

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz, Vol XXIX,
~~Feb~~ 1955, pp 286-291. CIA C 41569
Sep

American Inst of Physics

Scientific - Physics
May 56 CIB/~~see~~ dex

33,568

Fragmentation and Fission in Nuclear Interactions With
High Energy Particles, by N. A. Perfilov, O. V. Lozhkin,
V. P. Shamov, 40 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXX, No 1, 1960,
pp 3-56.

AIP
Sov Phys-Uspekhi
Vol III, No 1

Sci
Nov 60

132, 482

On the Nature of the Cone-Like Shape of Tracks of
Multi-Charged Ions in Nuclear Emulsions, by O. V.
Lozhkin, 5 lpp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol
3 XXXII, No 2, pp 208-

Sep 1957.

Amer Inst of Phys
Soviet Phys, JETP
Vol V, No 2

Sci - Physics
Oct 57

53,937

The Angular Distribution of Fragments from Fission
of Uranium at High Excitation Energies, by O. V. Lozhkin,
V. A. Perfilov, V. P. Shumov, 3 pp.

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz, Vol XXIX,
Feb 1955, pp 292-295. CIA C 41569
Sep

See main sub No 566357
American Inst of Physics

Scientific - Physics
May 56 CTS/dex

33,569

A.E.R.E. 632

The Yield of Fission and Star Formation Processes
in the Capture of π -mesons by Nuclei of U, Bi and W¹,
by N. A. Perfilov, O. V. Lozhkin, V. P. Shamov,
7 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, 1955, pp 655-663. CIA C 40837

American Inst of Physics
57 East 55 St.
New York, 22, N. Y.

Scientific - Physics

31,428

Fragmentation of Ag and Br Nuclei by 9-Bev
Protons, by N.A. Perfilov, N.S. Ivanova,
O.V. Iozhkin, M.M. Makarov, V.I. Ostroumov,
Z.I. Solovyeva, V.P. Shamov, 5 pp.

RUSSIAN, per, Zhur. Eksper i Teoret Fiz, Vol
XXXVIII, No 2, 1960, pp 345-350.

AIP
Sov Phys - JETP
Vol XI, No 2

Sci
Nov 60

132,785

The Problem of the Angular Distribution of
Fission Fragments of Uranium at High Energy
Excitations, by O. V. Lozhkin, N. A. Perfilov,
V. P. Shamov, 3 pp.

RUSSIAN, no per, Dok Ak Nauk SSSR, CIII, 1955,
p 407.

AEC Tr 2296

Sci - Physics

RT 3470

29,207

✓
On the Yield of Fission and Star Formation After
Capture of π^- Mesons by the Nuclei U, Bi, and W,
by N. A. Perfilov, O. V. Lozhkin, and V. P. Shamov,
7 pp.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol CIII,
1955, pp 417-419.

AEC Tr 2304

Sci - Nuclear Physics

29,194

Physical Features, by A. D. Lozhkina, A. G.
Trestman, 6 pp.

RUSSIAN, per, Agroklimaticheskiy Spravochnik, 1959,
pp 5-8. (Call No QC989, U4, U472, Eng Tr).

AMB

USSR
Geo
Nov 60

131,372

The Comparative Effectiveness of Methods of
Treatment of Sera With Carbon Dioxide,
Cholera Vibrio Filtrate and Potassium Periodate
in Removing Unspecific Inhibitors of Haemagglu-
tination of A2 Influenza Virus, by A. S. Gorbunova,
V. M. Stakhanova, A. M. Lozhkina, V. D. Olli,
4 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 6,
1959, pp 750-753.

PP

128,535

Sci
Oct 60

(FDD 28903)

Nonspecific Antihemagglutinins of the Influenza Virus (Inhibitors) in Human Serum and the Corneas Plasma, by A. S. Gorbunova, V. M. Gornaleva, V. G. Sdepushkina, A. N. Loshkina, Z. N. Shakhmaliyeva, M. V. Pelavina, 13 pp.

RUSSIAN, bino per, Voprosy Virusologii, No 2, Moscow, Mar/Apr 1956, pp 21-27.

CIA/FDD U-9007

41,127

USSR

Sci - Medicine, virology

Oct 56

Extraction of Acids with Organic Solvents, by
A. A. Grinberg, G. S. Lozhkina, 3 pp.

RUSSIAN, per, Zhur Georgen Khim, No 3, 1960,
pp 738- 744.

Cleaver-Rume Press

Sci

132, 215

Oct 60

S-129/60

(DC-3481).

The Problem of Hydrogen Isotope Exchange in
Saturated Hydrocarbons, by Ya. M. Varshavskiy,
S. E. Vaysberg, M. G. Lozhkina, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 4, 1955
1955, pp 750, 751.

JPRS 3120

Sci - Chem
Mar 60

111, 505

An Experiment on Relative Age Determination of
Granites by a Thermoluminescent Method, by G. F.
Komovskiy, O. N. Lozhnikova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1959, pp 105, 106.

AGI

Sci

Jun 61

156,370

Thermoluminescence of Minerals, by G. F. Komovskiy,
V. S. Nikol'skiy, O. N. Loshnikova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 5, 1957, pp 711-714.

Columbia Tech

Sci - Phys

Aug 58

71,807

Gibberellin-Like Substances in Higher Plants
and Their Effect on Growth and Flowering, by
M. Kh. Chailakhyan, V. N. Lozhnikova, 7 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 5, 1960,
pp 521-530.

AIBS

Sci

Jul 61

159,599